

# Glendye Wind Farm Proposal



**Welcome and thank you for taking the time to visit our Public Exhibition.**

## Welcome!

Coriolis Energy is seeking to develop a wind farm approximately 5.5km north of the village of Fettercairn and 11.5km to the southwest of Strachan.

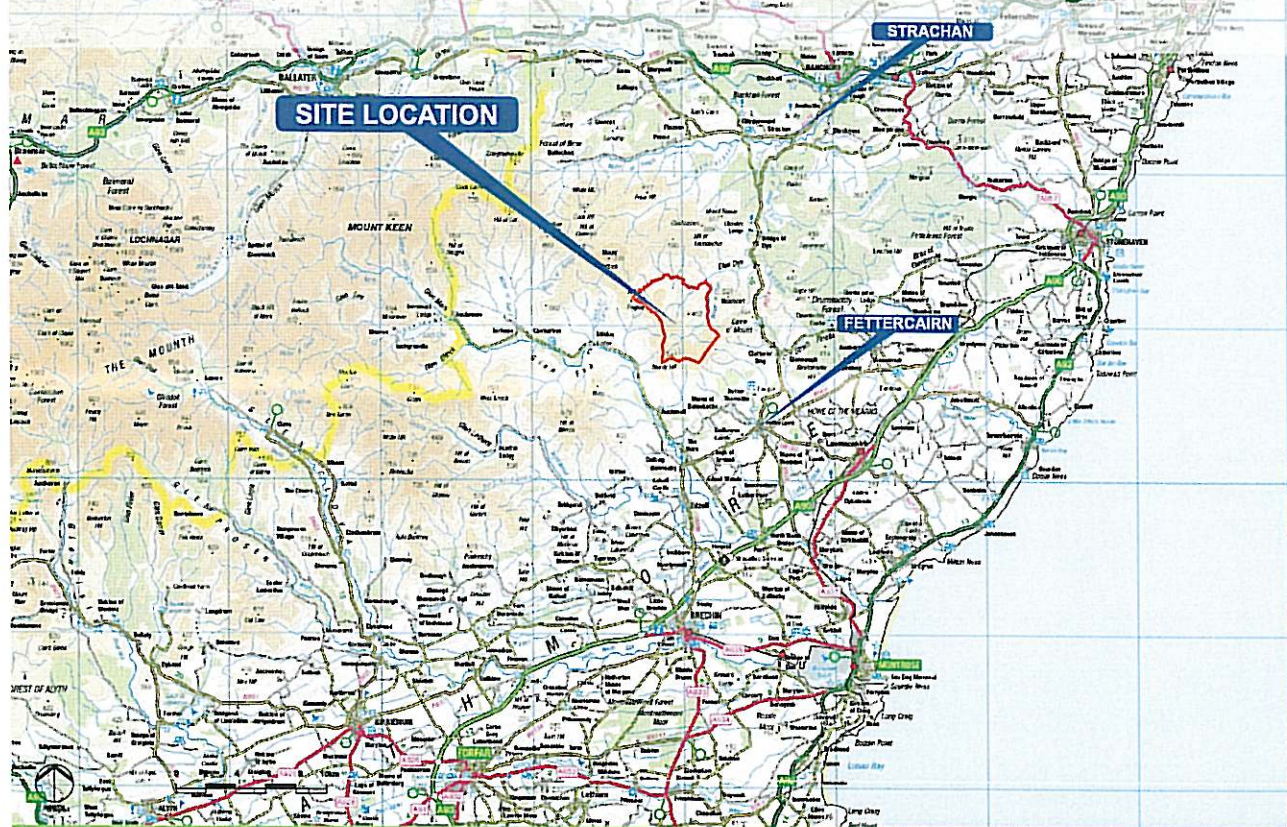
The proposed Glendye Wind Farm would be located on the Fasque and Glendye Estate within Aberdeenshire, where it bounds with Angus.

We would like to thank you for attending today's exhibition. We have outlined in the following boards early information relating to the proposals and would welcome comments and suggestions from you that will help inform the design and layout of the proposed wind farm and associated Environmental Impact Assessment (EIA).

[www.coriolis-energy.com](http://www.coriolis-energy.com)



# Why Propose a Wind Farm at Glendye



Initial investigations have identified that the site at Glendye has the potential to accommodate a wind farm development.

***In particular the site provides:***

- Predicted high wind speeds;
- Large scale Moorland Plateaux, remote from local settlements and dwellings;
- Opportunities for topographical screening from wider views;
- Absence of statutory nationally designated areas / sites of cultural or natural heritage importance;
- Close proximity to the A90 Trunk Road for component deliveries;

Climate Change is one of the most serious threats facing the modern world. UK policy on renewable energy generation is primarily guided by the Governments commitment to international climate change targets.

The Scottish Government published the 2020 Routemap for Renewable Energy in Scotland in 2011 and updated it in 2015. The Routemap sets a commitment to generate the equivalent of 100% of Scotland's gross annual electricity consumption from renewables by 2020.

# Environmental Impact Assessment



**The proposed site is used mainly for grouse management and grazing sheep.**

Earlier this year we submitted a Scoping Report for the Proposed wind farm to the Scottish Government's Local Energy & Consents Unit (LECU). This report requests consultee feedback on the proposals, the aspects of the environment to be assessed in the Environmental Impact Assessment (EIA) and the methodologies proposed to undertake these assessments.

In addition to community consultation we are currently undertaking environmental and technical studies to help inform the design of the wind farm and associated infrastructure.

The final design of the wind farm, including turbine numbers is not yet fixed, and we welcome your comments on the initial Scoping design being presented today.

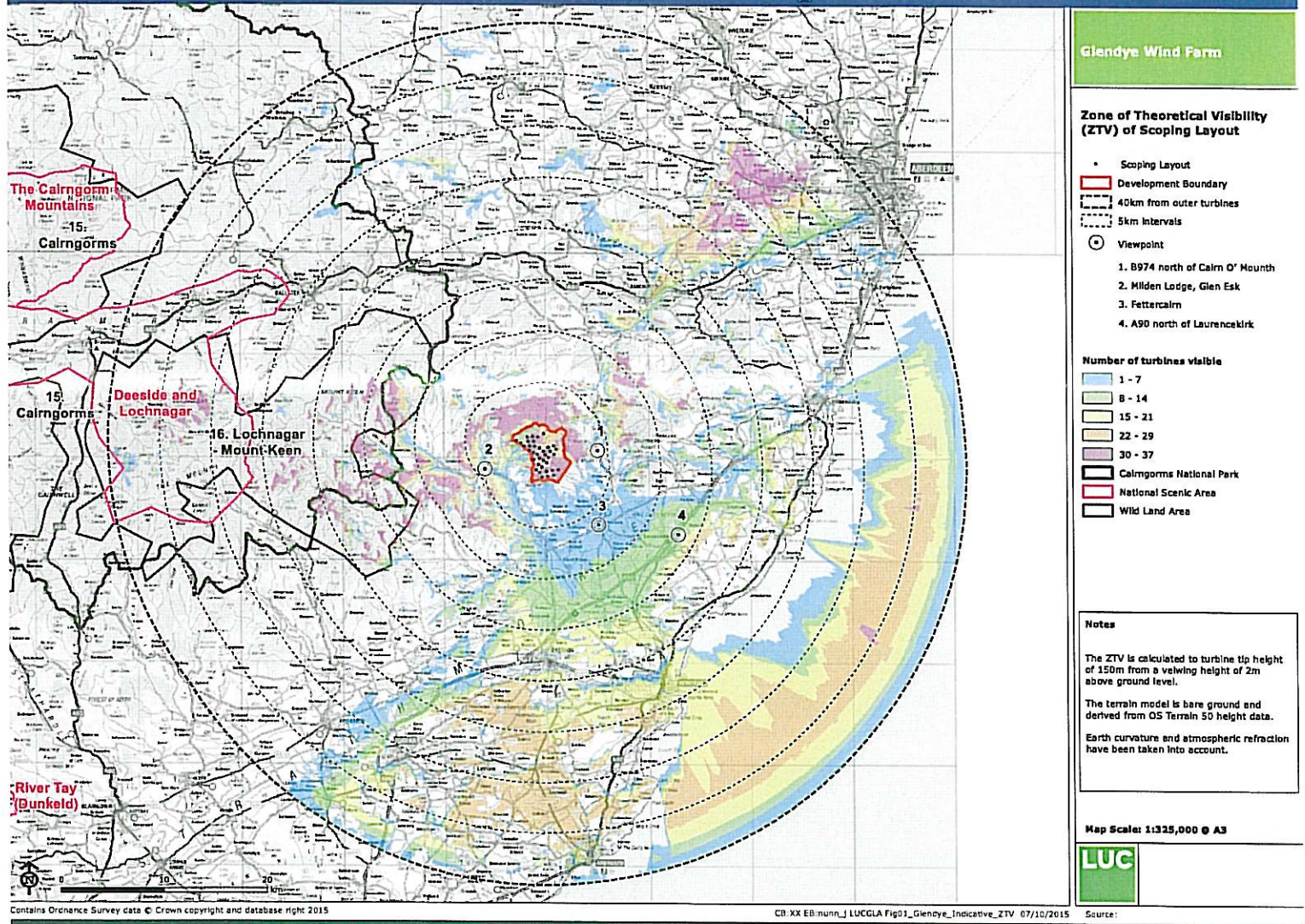
An Environmental Impact Assessment (EIA) is being undertaken to identify the potential effects of the

proposed wind farm. Technical experts have been appointed to consider the potential impacts on:

- *Landscape and visual amenity;*
- *Ecology and ornithology;*
- *Historic environment;*
- *Geology, hydrology and hydrogeology;*
- *Access, traffic and transport;*
- *Aviation;*
- *Noise and shadow flicker.*

The exact number and location of the wind turbines will be determined by constraints identified during the EIA and importantly by public and stakeholder consultation.

# Visual Impact

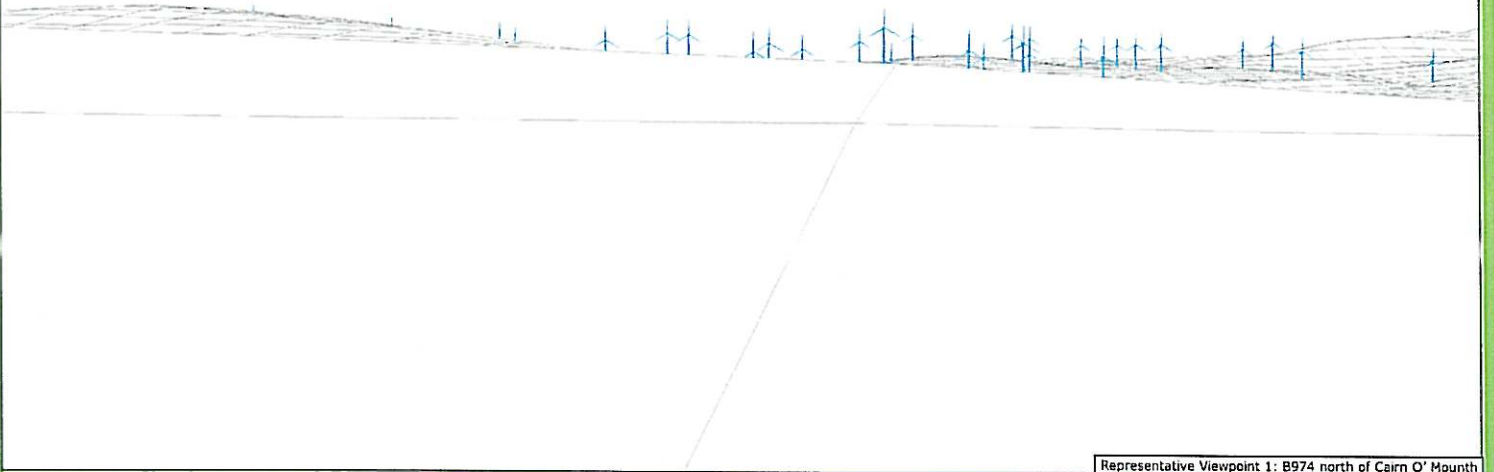


To help identify which landscape and visual resources may be affected by the proposed development computer-modelled zone of theoretical visibility (ZTV) plans have been produced.

These illustrate the maximum theoretical area of visibility of the proposed wind farm based on topography. This process will be repeated for the final design in the Environmental Statement which would accompany the application to be submitted to the Scottish Government under Section 36 of Electricity Act (1989).

It should be noted that although ZTVs indicate theoretical visibility, the actual visibility of the proposed wind farm can be very different. ZTVs are based on Ordnance Survey digital information of landform. They also do not take into consideration features such as trees, shrubs, buildings or any other physical structures or vegetation. The actual visual impact of the development will be illustrated through the production and analysis of wirelines and photomontages. Some wireline drawings from key viewpoints are shown on the next display boards.

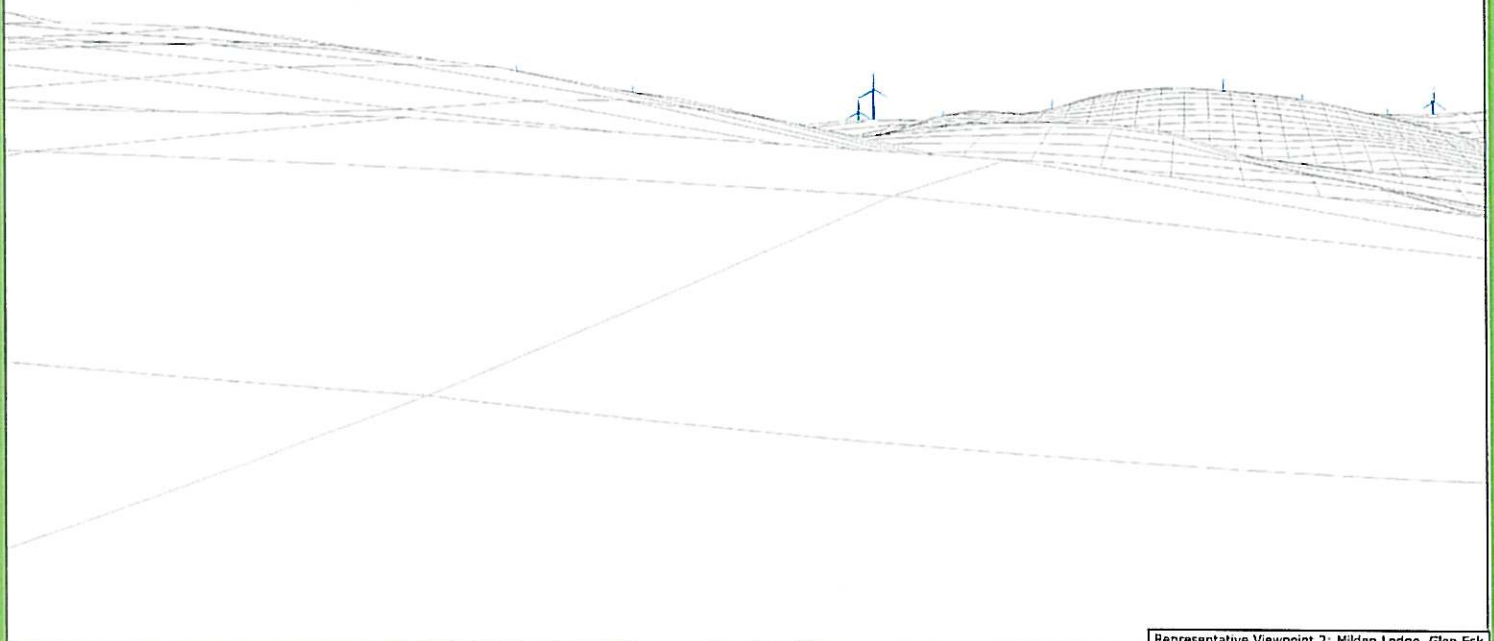
Glendye Wind Farm - Initial Coriolis Layout (37 Turbines)



Representative Viewpoint 1: B974 north of Cairn O' Mounth

Representative Viewpoint 1: B974 north of Cairn O' Mounth (364977, 780751)

Glendye Wind Farm - Initial Coriolis Layout (37 Turbines)

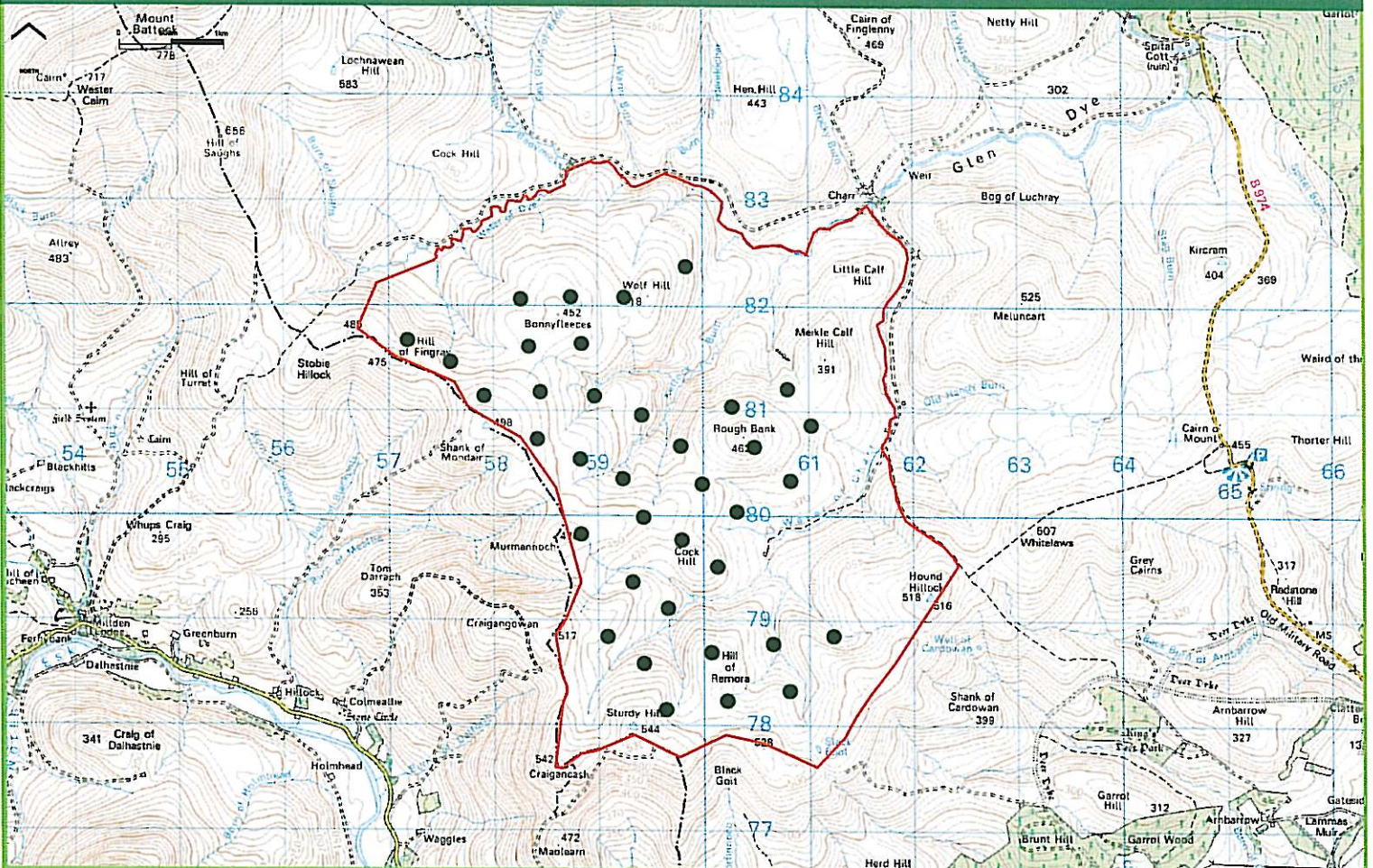


Representative Viewpoint 2: Milden Lodge, Glen Esk

Representative Viewpoint 2: Milden Lodge, Glen Esk (354071, 778936)

# Our Proposals

We are currently proposing up to 37 turbines, with an individual generating capacity of between 3 - 4 Megawatts (MW) and an overall generating capacity of up to 148 MW.



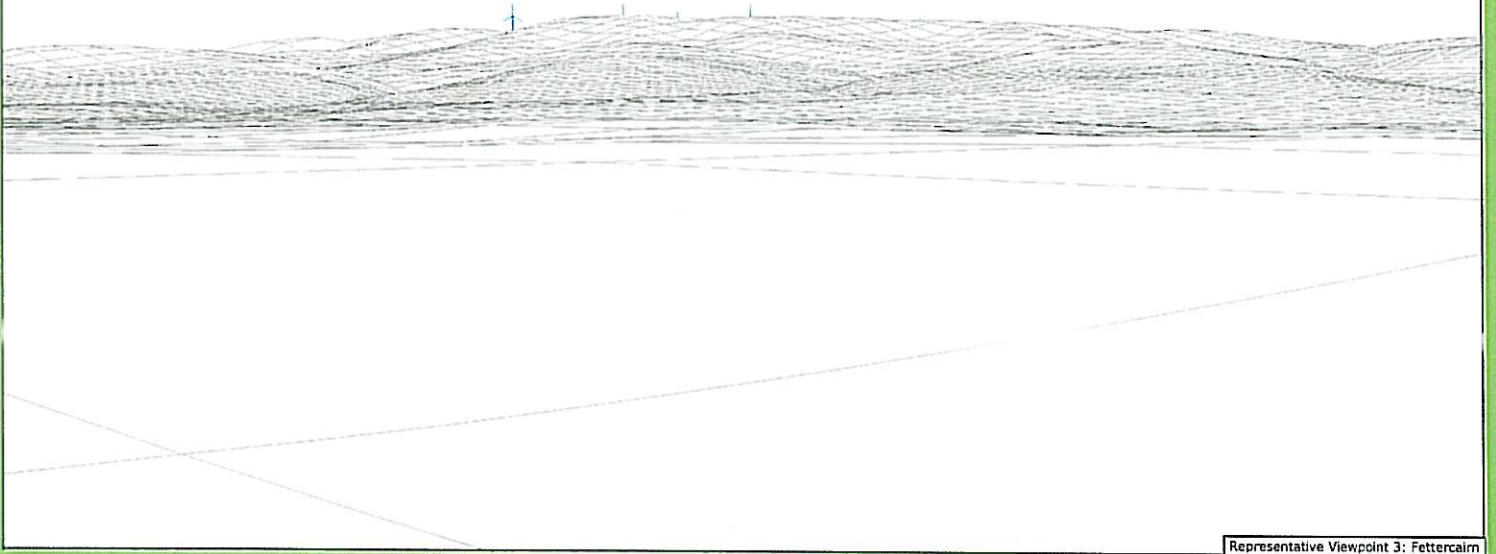
*Consideration of the technical and environmental characteristics, the outcome of on-going site-specific surveys and community consultations will influence the layout of the proposed wind farm, which currently comprises:*

- A maximum of 37 turbines (to be confirmed through EIA), each with a tip height of up to 150m;
- Anemometer mast(s) to measure wind speed;
- Access point from the C2K (minor road), permanent access to the site using existing tracks as far as possible;
- Internal access tracks and underground cabling from the turbines to the substation; and
- Electrical sub-station, site offices, associated communications, temporary borrow pits and site compound.

[www.coriolis-energy.com](http://www.coriolis-energy.com)



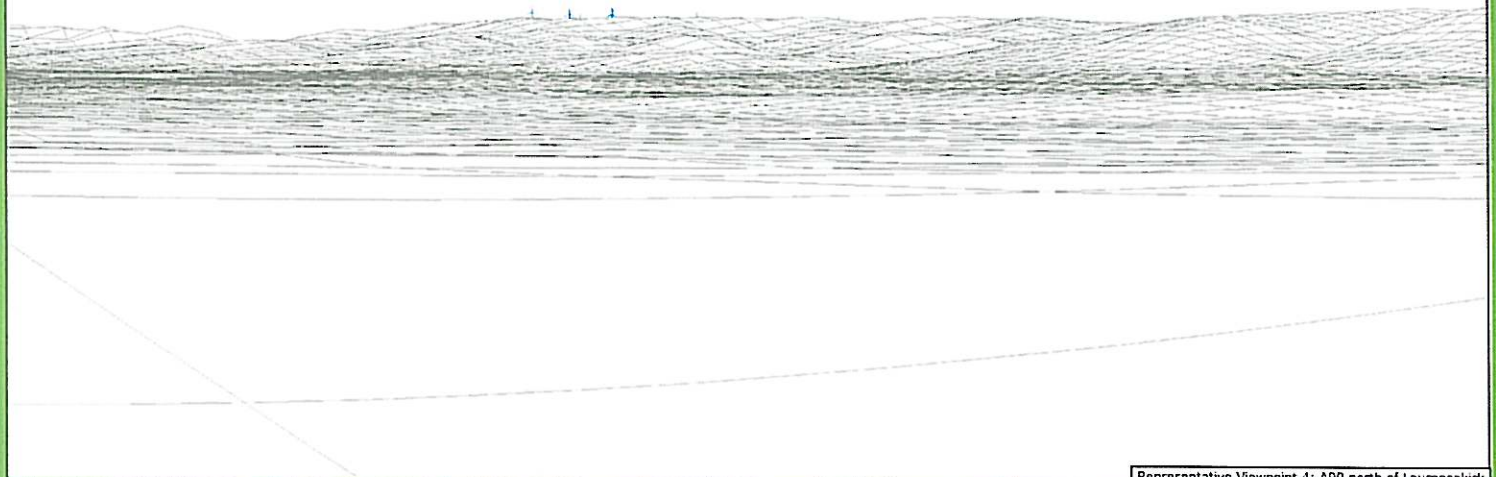
Glendye Wind Farm - Initial Coriolis Layout (37 Turbines)



Representative Viewpoint 3: Fettercairn

Representative Viewpoint 3: Fettercairn (365059, 773495)

Glendye Wind Farm - Initial Coriolis Layout (37 Turbines)



Representative Viewpoint 4: A90 north of Laurencekirk

Representative Viewpoint 4: A90 north of Laurencekirk (372813, 772597)

# Site Access and Traffic

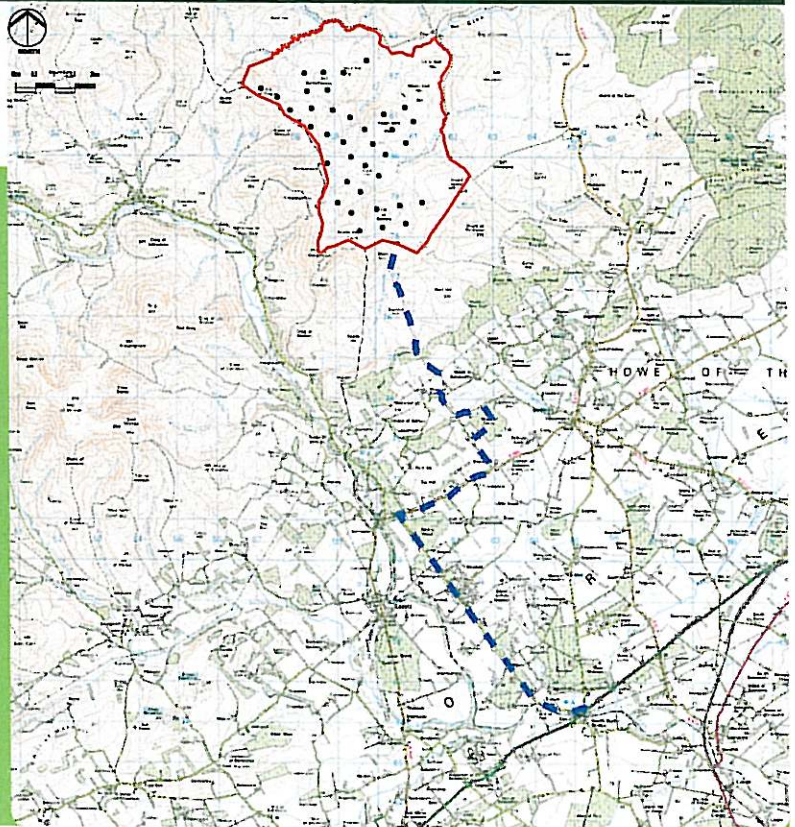
NUTBERRY WIND FARM, SOUTH LANARKSHIRE IMAGE COURTESY OF CORIOLIS ENERGY



**The potential effect of construction traffic accessing the site via the public road will be assessed throughout the design and EIA process.**

At present we anticipate turbine deliveries arriving in to the Port of Dundee. The route options are being assessed and discussed with Transport Scotland and in due course, Aberdeenshire Council.

Appropriate improvements will be made to the local road network leading to the site in order that it will safely accommodate turbine delivery vehicles and construction traffic. During the construction phase, Coriolis Energy are committed to holding regular liaison meetings with the local community to ensure open and constructive dialogue where issues can be raised and resolved. The construction phase will last for approximately 12 to 18 months. Operational traffic will comprise of maintenance vehicles and light goods vehicles.



[www.coriolis-energy.com](http://www.coriolis-energy.com)





# The Local Community

## Community Consultation

Although the proposals are at an early stage, we believe that proactive community consultation is an integral element of the planning process and it is essential that the local community and other stakeholders should be given the opportunity to feedback their views directly to our project team.

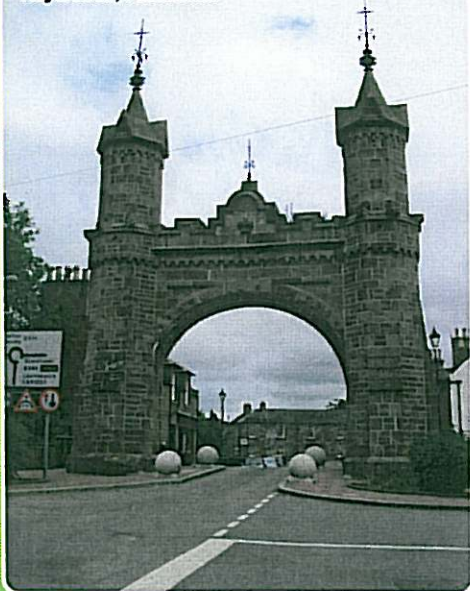
As well as today's Public Exhibition we are committed to continued and meaningful consultation and look forward to working with the local community to help shape and inform the proposed wind farm.

As part of this process we will hold another round of Public Exhibitions and liaise with Community Councils.



© Copyright Coriolis Energy. All Rights Reserved. For more information visit [www.coriolis-energy.com](http://www.coriolis-energy.com)

Royal Arch, Fettercairn



© Copyright Coriolis Energy. All Rights Reserved. For more information visit [www.coriolis-energy.com](http://www.coriolis-energy.com)

## Community Benefit

Coriolis Energy would provide community benefit when the wind farm is in operation. There are several options for distributing funds for the benefit of the community and we would welcome feedback and information from the local community on this.

## Opportunities for Contractors and Suppliers

Coriolis Energy work closely with local authorities, landowners and residents. We seek opportunities to include local suppliers and contractors in the tender process for construction, where they can demonstrate they can meet strict health and safety policies.

Photography from Creative Commons is licensed under the Creative Commons Attribution-Share Alike 2.0 Generic License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-sa/2.0/> or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94102, USA.

# What Happens Next?



IMAGE COURTESY OF CORIOLIS ENERGY

Following this Public Exhibition and ongoing survey work, we will present an updated design of the wind farm at our next round of Public Exhibitions in late 2016 / early 2017. We currently hope to submit an application around Spring 2017.

## An indicative timetable is outlined below:

Date	Activity
<b>Summer 2016</b>	<i>Community consultation and assess feedback</i>
<b>Autumn 2016</b>	<i>Refine proposals based on surveys and community consultation feedback</i>
<b>Winter 2016 / 2017</b>	<i>Further round of Community Consultation and assess feedback.</i>
<b>Winter 2016 - Spring 2017</b>	<i>Refine proposals and prepare environmental statement</i>
<b>Spring 2017</b>	<i>Submission of application</i>

At Coriolis Energy we are committed to the principal that the community are provided every opportunity to feedback their views directly to our project team at all stages of the development process. Today's exhibition was an opportunity for our team to introduce the proposals, listen to the views of local people and integrate these views into the ongoing consultation process.

We would be grateful if you could take a few moments to fill in one of the comment forms and give us your thoughts. Your feedback will be used to refine our proposals.

## Want to know more?

Please email James Baird at [james.baird@coriolis-energy.com](mailto:james.baird@coriolis-energy.com) or write to Coriolis Energy, Suite 406-407 Baltic Chambers, 50 Wellington Street, Glasgow, G2 6HJ